

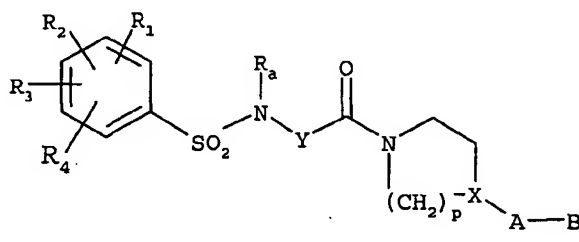
Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A compound, selected from the group consisting of:

a) a compound of formula:



in which,

R₁ represents a hydrogen, a halogen, a C₁-C₃ alkyl group or a C₁-C₃ alkoxy group,

R₂ represents a hydrogen, a halogen, a C₁-C₃ alkyl group, a C₁-C₃ alkoxy group, or a CF₃ group,

R₃ represents a hydrogen, a halogen, a C₁-C₃ alkyl group or a C₁-C₃ alkoxy group,

R₄ represents a hydrogen or a C₁-C₃ alkyl group,

R_a represents a C₁-C₄ alkyl group,

Y represents a -CH₂-CH₂-O-CH₂-,

X represents CH or a nitrogen atom,

p represents 2 or 3,

A represents a single bond, a nitrogen atom optionally substituted with a methyl group, or a straight or branched C₁-C₅ alkylene group optionally hydroxylated or of which one of the carbon atoms is oxidized into a ketone function, provided that A and X together do not represent a nitrogen atom,

B represents a nitrogen-containing heterocycle or an amine group optionally substituted with one or two C₁-C₄ alkyl groups, or

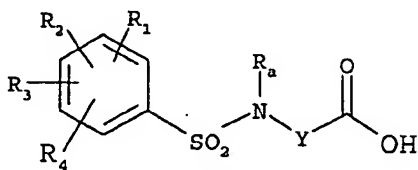
b) addition salts of the above formula I compound with an acid.

2. (Cancelled)

3. (Previously Presented) A compound according to claim 1, wherein R₂ and R₃ represent a methyl group at position 2,6 on the aromatic ring.

4. (Currently Amended) A method for preparing a formula I compound as defined in claim 1, and its addition salts, comprising:

a) allowing an acid of formula:



in which

R₁ represents a hydrogen, a halogen, a C₁-C₃ alkyl group or a C₁-C₃ alkoxy group,

R₂ represents a hydrogen, a halogen, a C₁-C₃ alkyl group, a C₁-C₃ alkoxy group, or a CF₃ group,

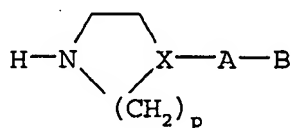
R₃ represents a hydrogen, a halogen, a C₁-C₃ alkyl group or a C₁-C₃ alkoxy group,

R₄ represents a hydrogen or a C₁-C₃ alkyl group,

R_a represents a C₁-C₄ alkyl group,

Y represents a -CH₂-CH₂-O-CH₂-,

to react with a nitrogen-containing heterocycle of formula:



III

in which

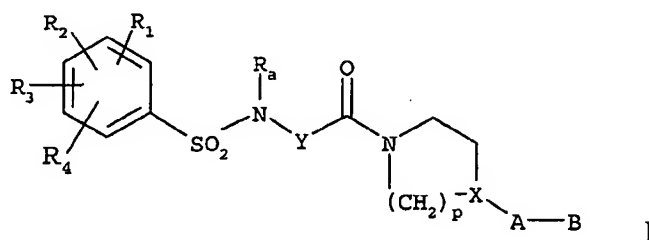
X represents CH or a nitrogen atom,

p represents 2 or 3,

A represents a single bond, a nitrogen atom optionally substituted with a methyl group (if X does not represent a nitrogen atom), or a straight or branched C₁-C₅ alkylene group, optionally hydroxylated or of which one of the carbon atoms is oxidized into a ketone function,

B represents a nitrogen-containing heterocycle or an amine group optionally substituted with one or two C₁-C₄ alkyl groups, on the understanding that, should a non-substituted nitrogen atom be present, this nitrogen atom is protected by an amino-protecting group,

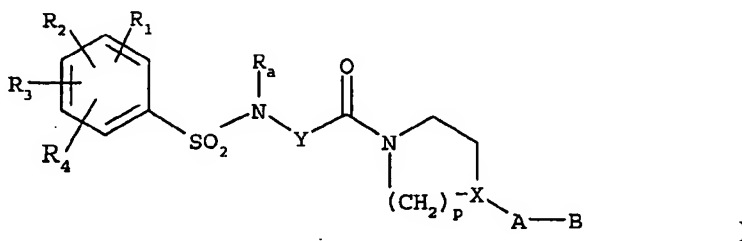
in a solvent, in the presence of activators, at a temperature lying between ambient temperature and the boiling point of the solvent, for about 2 to 15 hours, to obtain the amide of formula:



in which R_1 , R_2 , R_3 , R_4 , R_a , Y , p , X , A and B maintain the same meaning as in the starting products,

- b) optionally, removing the amino-protecting groups, and
- c) optionally, obtaining an addition salt of the formula I compound with a mineral or organic acid.

5. (Currently Amended) A method for preparing a compound of formula:



in which,

R_1 represents a hydrogen, a halogen, a C_1 - C_3 alkyl group or a C_1 - C_3 alkoxy group,

R₂ represents a hydrogen, a halogen, a C₁-C₃ alkyl group, a C₁-C₃ alkoxy group, or a CF₃ group,

R₃ represents a hydrogen, a halogen, a C₁-C₃ alkyl group or a C₁-C₃ alkoxy group,

R₄ represents a hydrogen or a C₁-C₃ alkyl group,

R_a represents a C₁-C₄ alkyl group,

Y represents a -CH₂-CH₂-O-CH₂- group,

X represents CH or a nitrogen atom,

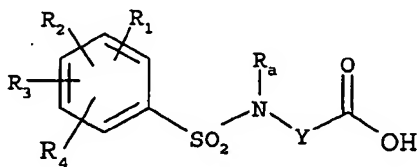
p represents 2 or 3,

A represents a single bond, a nitrogen atom optionally substituted with a methyl group, or a straight or branched C₁-C₅ alkylene group optionally hydroxylated or of which one of the carbon atoms is oxidized into a ketone function, provided that A and X together do not represent a nitrogen atom,

B represents a nitrogen-containing heterocycle or an amine group optionally substituted with one or two C₁-C₄ alkyl groups,

and its addition salts, the method comprising:

a) allowing an acid of formula:



II

in which

R₁ represents a hydrogen, a halogen, a C₁-C₃ alkyl group or a C₁-C₃ alkoxy group,

R₂ represents a hydrogen, a halogen, a C₁-C₃ alkyl group, a C₁-C₃ alkoxy group, or a CF₃ group,

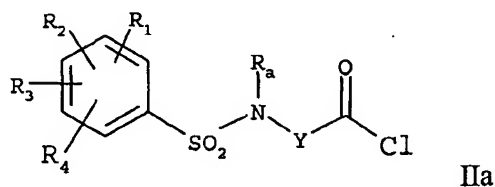
R₃ represents a hydrogen, a halogen, a C₁-C₃ alkyl group or a C₁-C₃ alkoxy group,

R₄ represents a hydrogen or a C₁-C₃ alkyl group,

R_a represents a C₁-C₄ alkyl group,

Y represents a -CH₂-CH₂-O-CH₂-,

to react with a chlorination agent, to obtain the acid chloride of formula:



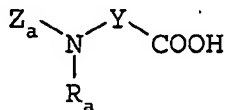
in which R₁, R₂, R₃, R₄, R_a and Y have the same meaning as in the starting compound,
and

b) allowing the acid chloride of formula IIa to react with an amine of formula III as defined in claim 4, to obtain the compound of formula I, and

c) optionally, obtaining an addition salt of the formula I compound with a mineral or organic acid.

6. (Currently Amended) A method for preparing a formula I compound such as defined in claim 1, and its addition salts, comprising:

a) allowing an acid compound of formula:

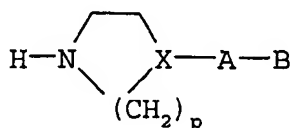


VII

in which R_a represents a $\text{C}_1\text{-C}_4$ alkyl group,

Y represents a $-\text{CH}_2\text{-CH}_2\text{-O-CH}_2-$, and Z_a represents an amino-protecting group,

to react with a nitrogen-containing heterocycle of formula:



III

in which

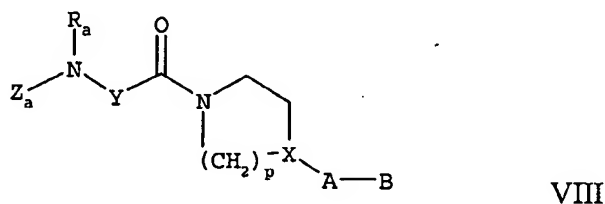
X represents CH or a nitrogen atom,

p represents 2 or 3,

A represents a single bond, a nitrogen atom optionally substituted with a methyl group (if X does not also represent a nitrogen atom) or a straight or branched $\text{C}_1\text{-C}_5$ alkylene group, optionally hydroxylated or of which one of the carbon atoms is oxidized into a ketone function,

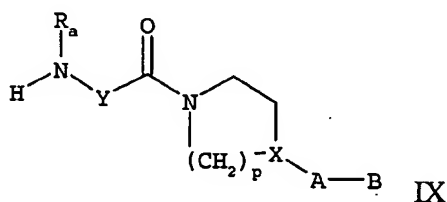
B represents a nitrogen-containing heterocycle or an amine group optionally substituted with one or two C₁-C₄ alkyl groups, on the understanding that, should a non-substituted nitrogen atom be present on said nitrogen-containing heterocycle, this nitrogen atom is protected by a different amino-protecting group to the amino-protecting group used for acid compound VII,

in a solvent, in the presence of activators, at a temperature generally lying between ambient temperature and the boiling point of the solvent, for about 2 to 15 hours, to obtain the amide of formula:



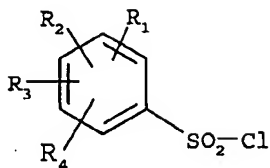
in which Z_a, R_a, Y, p, X, A and B maintain the same meaning as in the starting compounds,

b) removing the Z_a amino-protecting group to obtain the secondary amine of formula:



in which R_a, Y, p, X, A and B maintain the same meaning as in the preceding compound,

c) allowing this secondary amine IX to react with a benzenesulphonyl chloride of formula:



IV

in which

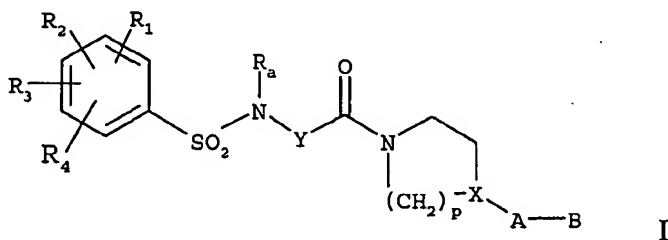
R₁ represents a hydrogen, a halogen, a C₁-C₃ alkyl group or a C₁-C₃ alkoxy group,

R₂ represents a hydrogen, a halogen, a C₁-C₃ alkyl group, a C₁-C₃ alkoxy group, or a CF₃ group,

R₃ represents a hydrogen, a halogen, a C₁-C₃ alkyl group or a C₁-C₃ alkoxy group,

R₄ represents a hydrogen or a C₁-C₃ alkyl group,

in a solvent, in the presence of an aprotic organic base, at a temperature between about 0 and 50°C, for about 1 to 3 hours, to obtain the sulphonamide of formula:



I

in which R₁, R₂, R₃, R₄, R_a, Y, p, X, A and B maintain the same meaning as in the starting compounds,

d) optionally, removing the amino-protecting groups, and

- e) optionally, obtaining an addition salt of the formula I compound with a mineral or organic acid.

7. (Previously Presented) A therapeutic composition, wherein, in association with at least one physiologically acceptable excipient, it contains at least one formula I compound according to claim 1, or one of its pharmaceutically acceptable addition salts with an acid.

8-9. (Cancelled)

10. (Previously Presented) The compound of claim 1 which is selected from the group consisting of:

- 1-[[2-[[4-methoxy-2,6-dimethylphenyl]sulphonyl]methylamino]-ethoxy]acetyl]-4-[2-(1-pyrrolidinyl)ethyl]piperazine, bis-trifluoroacetate;
- N-[2-[2-[4-[(3RS)-1-azabicyclo[2.2.2]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-N,2,4,6-tetramethylbenzenesulphonamide, bis trifluoro-acetate;
- N-[2-[2-[4-[(3RS)-1-azabicyclo[2.2.2]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide;
- N-[2-[2-[4-[(3RS)-1-azabicyclo[2.2.2]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, difumarate;
- N-[2-[2-[4-[(3S)-1-azabicyclo[2.2.2]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide;
- N-[2-[2-[4-[(3S)-1-azabicyclo[2.2.2]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, fumarate;
- N-[2-[2-[4-[(3R)-1-azabicyclo[2.2.2]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, fumarate;
- 1-[[2-[[4-methoxy-2,6-dimethylphenyl]sulphonyl]methyl-amino]-ethoxy]-acetyl]-4-[3-(1-pyrrolidinyl)propyl]piperazine, bis-trifluoroacetate;
- 1-[[2-[[4-methoxy-2,6-dimethylphenyl]sulphonyl]methyl-amino]-ethoxy]-acetyl]-4-[2-(4-morpholinyl)ethyl]piperazine, bis-trifluoroacetate;

1-[[2-[[4-methoxy-2,6-dimethylphenyl]sulphonyl]methyl-amino]-ethoxy]-acetyl]-4-[2-(4-morpholinyl)ethyl]piperazine, bis-trifluoroacetate;

1-[[2-[[4-methoxy-2,6-dimethylphenyl]sulphonyl]methyl-amino]ethoxy]acetyl]-4-[3-(1-piperidinyl)propyl]piperazine, bis-trifluoroacetate;

1-[[2-[[4-methoxy-2,6-dimethylphenyl]sulphonyl]methyl-amino]-ethoxy]-acetyl]-4-[3-(dimethylamino)propyl]piperazine, bis-trifluoroacetate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, bis trifluoroacetate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(8-methyl-8-azabicyclo[3.2.1]-oct-3-yl)-1-piperazinyl]-2-oxoethoxy]ethyl]-benzenesulphonamide, fumarate;

1-(1-azabicyclo[2.2.2]oct-3-yl)hexahydro-4-[[2-[[4-methoxy-2,6-dimethylphenyl]sulphonyl]methylamino]ethoxy]acetyl]-1*H*-1,4-diazepine, fumarate;

N-[2-[2-[4-[3-(1-azetidiny)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-3-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-cyclopropyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[2-(1-pyrrolidinyl)ethyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-cyclopropyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[(1-methyl-2-imidazolyl)methyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[3-(dimethylamino)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(9-methyl-9-azabicyclo[3.3.1]non-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;

N-[2-[2-[4-[3-(1-pyrrolidinyl)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[3-(1-pyrrolidinyl)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-cyclopropyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(8-cyclopropyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;

N-[2-[2-[4-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-cyclopropyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(1-cyclopropyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-(1-methylethyl)-2,6-dimethylbenzenesulphonamide, difumarate.

N-[2-[2-[4-(1-ethyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;

N-[2-[2-[4-[1-(1,1-dimethylethyl)-4-piperidinyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, difumarate;

N-[2-[2-[4-[(1-methyl-4-piperidinyl)methyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, fumarate;

N-[2-[2-[4-[3-(dimethylamino)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,6-dichloro-4-methoxy-N-methyl-benzene-sulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,6-dichloro-4-methoxy-N-methyl-benzene-sulphonamide, difumarate;

N-[2-[2-[4-[2-(1-methyl-4-piperidinyl)ethyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidinyl)hexahydro-1H-1,4-diazepin-1-yl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;

N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-(1-methylethyl)-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[1-(1-methylethyl)-4-piperidiny]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;

N-[2-[2-[4-[3-(1-piperidiny)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,4-dichloro-6-methoxy-N-methyl-benzene-sulphonamide, difumarate;

N-[2-[2-[4-(1-ethyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,6-dichloro-4-methoxy-N-methyl-benzene-sulphonamide, fumarate;

N-[2-[2-[4-((3S)-1-azabicyclo[2.2.2]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-methyl-2,6-dichlorobenzenesulphonamide, fumarate;

N-[2-[2-[4-(1,2,2,6,6-pentamethyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, bis(trifluoroacetate);

N-[2-[2-[4-[3-(4-methyl-1-piperazinyl)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, difumarate;

N-[2-[2-[4-(8-ethyl-8-azabicyclo[3.2.1]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzene-sulphonamide, difumarate;

N-[2-[2-[4-[3-(4-methyl-hexahydro-1H-1,4-diazepin-1-yl)propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[8-(1-methylethyl)-8-azabicyclo[3.2.1]oct-3-yl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[3-(4-methyl-hexahydro-1H-1,4-diazepin-1-yl)-3-oxo-propyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, bis(trifluoroacetate);

N-[2-[2-[4-[2-(4-methyl-hexahydro-1H-1,4-diazepin-1-yl)ethyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, trifumarate;

N-[2-[2-[4-((3S)-1-azabicyclo[2.2.2]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-cyclopropyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-((3S)-1-azabicyclo[2.2.2]oct-3-yl)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N-ethyl-2,6-dimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[2-(diethylamino)ethyl]-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, fumarate;

N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,6-dichloro-4-fluoro-N-methyl-benzene-sulphonamide;

N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,6-dichloro-4-fluoro-N-methyl-benzene-sulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-bromo-2,6-dichloro-N-methyl-benzenesulphonamide;

N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-bromo-2,6-dichloro-N-methyl-benzenesulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,4,6-trichloro-N-methyl-benzenesulphonamide;

N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,4,6-trichloro-N-methyl-benzenesulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,4-dichloro-6-methyl-N-methyl-benzenesulphonamide;

N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-2,4-dichloro-6-methyl-N-methyl-benzenesulphonamide, difumarate;

N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]-4-methoxy-2,3,6-trimethyl-N-methyl-benzenesulphonamide;

4-methoxy-N,2,3,6-tetramethyl-N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperazinyl]-2-oxo-ethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-[3-(4-piperidiny)propyl]-1-piperazinyl]ethoxy]ethyl]benzene-sulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-[3-(1-methyl-4-piperidiny)propyl]-1-piperazinyl]ethoxy]ethyl]benzene-sulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-[3-(1-methyl-4-piperidiny)propyl]-1-piperazinyl]ethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-(4-piperidiny)-1-piperazinyl]ethoxy]ethyl]benzenesulphonamide, bis(trifluoroacetate);

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-(6-amino-3-pyridiny)-1-piperazinyl]ethoxy]ethyl]benzenesulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-oxo-2-[4-(6-amino-3-pyridiny)-1-piperazinyl]ethoxy]ethyl]benzenesulphonamide, fumarate;

N-[2-[2-[4-[2-(dimethylamino)-1,1-dimethylethyl]-1-piperidiny]-2-oxoethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, trifluoroacetate;

N-[2-[2-[4-[2-(dimethylamino)-1-hydroxyethyl]-1-piperidiny]-2-oxoethoxy]ethyl]-4-methoxy-N,2,6-trimethylbenzenesulphonamide, trifluoroacetate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(4-methyl-1-piperazinyl)-1-piperidiny]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(4-methyl-1-piperazinyl)-1-piperidiny]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-(1-methyl-4-piperidiny)-1-piperidiny]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

N-cyclopropyl-4-methoxy-2,6-dimethyl-N-[2-[2-[4-(4-methyl-1-piperazinyl)-1-piperidiny]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[2-(1-pyrrolidiny)ethyl]-1-piperidiny]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-N,2,6-trimethyl-N-[2-[2-[4-[4-(1-methylethyl)-1-piperazinyl]-1-piperidiny]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-ethyl-4-methoxy-2,6-dimethyl-N-[2-[2-[4-[2-(1-pyrrolidiny)ethyl]-1-piperidiny]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-cyclopropyl-4-methoxy-2,6-dimethyl-N-[2-[2-[4-[2-(1-pyrrolidiny)ethyl]-1-piperidiny]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-[2-[2-[4-[2-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-*N*,2,6-trimethyl-benzenesulphonamide, difumarate;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[2-[methyl(1-methylethyl)amino]ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-benzenesulphonamide, fumarate;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[methyl(1-methyl-4-piperidinyl)amino]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[1-(1-methylethyl)-4-piperidinyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(1-ethyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(1-cyclopropyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[2-(4-morpholinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[1,1-dimethyl-2-(1-azetidiny)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;
N-ethyl-4-methoxy-2,6-dimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;
N-[2-[2-[4-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-*N*,2,6-trimethyl-benzenesulphonamide, fumarate;
N-cyclopropyl-4-methoxy-2,6-dimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;
2,4-dichloro-*N*,3-dimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[2-(1-azetidiny)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;
2,6-dichloro-4-methoxy-*N*-methyl-*N*-[2-[2-[4-[2-(dimethylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-benzenesulphonamide, fumarate;
2,6-dichloro-4-methoxy-*N*-methyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[(1-pyrrolidinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[(4-ethyl-1-piperazinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-cyclopropyl-4-methoxy-2,6-dimethyl-*N*-[2-[2-[4-[(4-methyl-1-piperazinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

N-ethyl-4-methoxy-2,6-dimethyl-*N*-[2-[2-[4-[(4-methyl-1-piperazinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

N-methyl-4-methoxy-2,6-dichloro-*N*-[2-[2-[4-[(4-methyl-1-piperazinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[1,1-dimethyl-2-(1-piperidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, trifluoroacetate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[1,1-dimethyl-2-(1-pyrrolidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-[2-[2-[4-[2-(ethylmethylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-*N*,2,6-trimethylbenzene-sulphonamide, fumarate;

N-[2-[2-[4-[2-(diethylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-*N*,2,6-trimethylbenzene-sulphonamide, fumarate;

4-methoxy-*N*-(1-methylethyl)-2,6-dimethyl-*N*-[2-[2-[4-[2-(1-pyrrolidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[1,1-dimethyl-2-(4-morpholinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

N-[2-[2-[4-[2-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-*N*,2,6-trimethylbenzenesulphonamide, difumarate;

N-[2-[2-[4-[(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-4-methoxy-*N*,2,6-trimethylbenzenesulphonamide, difumarate;

4-methoxy-*N*-[2-[2-[4-[2-(1-methyl-4-piperidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-*N*,2,6-trimethylbenzenesulphonamide, fumarate;

4-methoxy-*N*-[2-[2-[4-[2-(1-piperidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-*N*,2,6-trimethylbenzenesulphonamide, fumarate;

4-methoxy-*N*-[2-[2-[4-[2-(1-pyrrolidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-*N*-methyl-2-trifluoromethyl-benzenesulphonamide, trifluoroacetate;

4-methoxy-*N*-[2-[2-[4-[2-(1-methyl-4-piperazinyl)-2-oxoethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-*N*,2,6-trimethylbenzenesulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[1,1-dimethyl-2-(diethylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, trifluoroacetate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(dimethylamino)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[(1-azetidiny)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

N,2,4,6-tetramethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, trifluoroacetate;

N-methyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]-2-trifluoromethyl-benzenesulphonamide, trifluoroacetate;

4-methoxy-*N*-methyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]-2-trifluoromethyl-benzenesulphonamide, trifluoroacetate;

N,2,4,6-tetramethyl-*N*-[2-[2-[4-[2-(1-pyrrolidinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, trifluoroacetate;

2,6-dichloro-4-methoxy-*N*-methyl-*N*-[2-[2-[4-(1-methyl-4-piperazinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[2-(dimethylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(4-cyclopropyl-1-piperazinyl)-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[4-(1,1-dimethylethyl)-1-piperazinyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[(4-methyl-1-piperazinyl)methyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[2-(4-methyl-1-piperazinyl)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(4-morpholinyl)-propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(4-morpholinyl)-propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(1-pyrrolidinyl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(1-pyrrolidinyl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(hexahydro-4-methyl-1*H*-1,4-diazepin-1-yl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(4-methyl-1-piperazinyl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(4-methyl-1-piperazinyl)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzene-sulphonamide, difumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(1-azetidiny)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(1-azetidiny)propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(dimethylamino)-propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[3-(dimethylamino)-propyl]-1-piperidinyl]-2-oxoethoxy]ethyl]-benzenesulphonamide, fumarate;

N-[2-(2-[4,4'-bipiperidin]-1-yl-2-oxoethoxy)ethyl]-4-methoxy-*N*,2,6-trimethyl-benzenesulphonamide, trifluoroacetate;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[2-(methylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;

4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[2-(methylamino)ethyl]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, fumarate;
N-[2-[2-(4-amino-1-piperidinyl)-2-oxoethoxy]ethyl]-4-methoxy-*N*,2,6-trimethylbenzenesulphonamide;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)amino]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)amino]-1-piperidinyl]-2-oxoethoxy]-ethyl]benzenesulphonamide, bis(trifluoroacetate);
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(methylamino)-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[methyl(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)amino]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-[methyl(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)amino]-1-piperidinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, bis(trifluoroacetate);
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-oxo-2-[4-(1-piperazinyl-methyl)-1-piperidinyl]ethoxy]ethyl]benzenesulphonamide;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-oxo-2-[4-(1-piperazinyl-methyl)-1-piperidinyl]ethoxy]ethyl]benzenesulphonamide, fumarate;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-oxo-2-[4-[1-oxo-2-(4-methyl-1-piperazinyl)ethyl]-1-piperidinyl]ethoxy]-ethyl]benzenesulphonamide, bis(trifluoroacetate);
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)]-1-piperazinyl]-2-oxoethoxy]ethyl]benzenesulphonamide;
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)]-1-piperazinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, dihydrochloride; and
4-methoxy-*N*,2,6-trimethyl-*N*-[2-[2-[4-(1-methyl-4-piperidinyl)]-1-piperazinyl]-2-oxoethoxy]ethyl]benzenesulphonamide, difumarate.

11. (Previously Presented) A therapeutic composition comprising a formula I compound of claim 10 or a salt thereof and a physiologically acceptable excipient.